



ENGINEERING SPEAKER SERIES 2009-2010

October 21, 2009



Dr. Xingde Li
Johns Hopkins University
Associate Professor, Biomedical Engineering and Associate Professor, Electrical and Computer Engineering

"Emerging Endomicroscopy and Nano-biophotonics Technologies Towards Noninvasive Visualization of Pathology in situ"

November 18, 2009



Dr. Chris Greer
White House Office of Science & Technology
Assistant Director, Information Technology R&D Office of Science and Technology Policy

"Engineering and Science in Five Dimensions"

December 11, 2009*



Dr. J.W. Morris, Jr.
University of California-Berkeley
Professor of Metallurgy

"The Limits of Mechanical Strength"



Dr. Peter Searson
Johns Hopkins University
Professor of Engineering

"The Dynamics of Cell Detachment"

January 20, 2010



Dr. Ben Streetman
The University of Texas at Austin
Professor of Electrical and Computer Engineering and Dula D. Cockrell Centennial Chair in Engineering

"The Semiconductor Revolution"

**Wine and Cheese
Receptions
The Rady Room,
601 Nedderman Hall
5 p.m.**

**Lectures
100 Nedderman Hall
6 p.m.**

**Maps, RSVP and
more information
about each lecture:
[www.uta.edu/
engineering/50/
speakerseries](http://www.uta.edu/engineering/50/speakerseries)**

**Please see notes regarding
different times and locations
for the December and
February speakers on the
Speaker Series website.*



February 15, 2010*



Dr. Sally Ride
University of California-San Diego
Professor of Physics, Former Astronaut, First American Woman in Space

"Leadership and America's Future in Space"

March 8, 2010



Dr. John White
The University of Arkansas
Distinguished Professor of Industrial Engineering and Chancellor Emeritus

"The World Is _____"

April 14, 2010



Dr. Patricia Galloway
Pegasus Global-Holdings, Inc.
Chief Executive Officer

"The 21st Century Engineer"

May 5, 2010



Dr. David A. Peters
Washington University in St. Louis
McDonnell Douglas Professor of Engineering, Department of Mechanical, Aerospace & Structural Engineering

"Boomers, Bloomers, and Zoomers:
A Personal Perspective on the Space Race"

UT ARLINGTON COLLEGE OF ENGINEERING

DISTINGUISHED SPEAKER SERIES 2010-11

Receptions
5 p.m.
Rady Room, 601 NH

Lectures
6 p.m.
Auditorium, 100 NH

September 21, 2010

"Wireless: Revolution and Evolution"



Dr. H. Vincent Poor
Princeton University
*Dean, School of Engineering and Applied Science and
Michael Henry Strater University
Professor of Electrical Engineering*

October 5, 2010

"Hierarchical Thermal Transport Modeling and Simulation in Semiconductors from Nano to Macro Scales"



Dr. Cristina Amon
University of Toronto
*Alumni Chair of Bioengineering in Mechanical and Industrial Engineering
Dean, Faculty of Applied Science and Engineering*

November 3, 2010

"Medical Devices and Tissue Engineering: A Time of Transition"



Dr. Arthur J. Coury
Coury Consulting Services
Principal

December 9, 2010

"Artificial Life Simulation of Humans and Lower Animals: From Biomechanics to Intelligence"



Dr. Demetri Terzopoulos
University of California, Los Angeles
The Chancellor's Professor of Computer Science

January 19, 2011

"Control of Nanomaterials for Electronic, Energy and Biotech Applications"



Dr. Sungho Jin
University of California, San Diego
*Distinguished Professor of Materials Science and Iwama Endowed Chair
Director, UCSD Materials Science & Engineering Program*

February 23, 2011

"Your Spare Time is Your Most Important Time, and Other Thoughts on Making a Million Dollars"



Marshall Brain
HowStuffWorks.com
Founder

March 9, 2011

"Fifty Years of Lasers"



Dr. Elsa Garmire
Dartmouth
Sydney E. Junkins 1887 Professor of Engineering

April 13, 2011

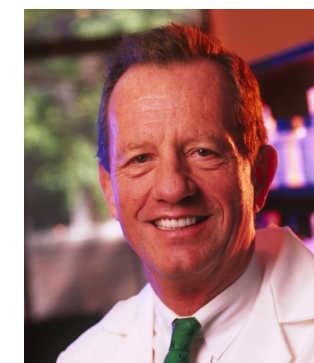
"Principles of Lean Enterprise Transformation"



Dr. Deborah Nightingale
Massachusetts Institute of Technology
*Professor of the Practice of Aeronautics and Astronautics and Engineering Systems
Co-Director, Lean Advancement Initiative*

May 4, 2011

"Developing Sustainable Urban Infrastructure to Solve Gigaton Problems"



Dr. John Crittenden, P.E., NAE
Georgia Institute of Technology
Director of the Brook Byers Institute for Sustainable Systems, Hightower Chair and GRA Eminent Scholar in Sustainable Systems and Professor of Civil and Environmental Engineering

UT ARLINGTON COLLEGE OF ENGINEERING DISTINGUISHED SPEAKER SERIES 2011-2012

All Lectures will be in 100 Nedderman Hall with a Pre-Lecture Reception one hour prior to the lecture in 601 Nedderman Hall (Rady Room).

****EXCEPTIONS:**

September & February Lectures will take place in the Lonestar Auditorium (MAC) with Pre-Lecture Receptions one hour prior to the lecture in the 2nd Floor MAC Lounge.



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www.uta.edu/engineering/speakerseries2011

While we do not anticipate changes to the schedule, circumstances sometimes arise that cause a lecture to be rescheduled or canceled. Please check the College of Engineering website for the most up-to-date schedule of speakers.

September 7, 2011 ** 7 PM

Craig Newmark

Founder,
craigslist.org and craigconnects.org

October 4, 2011 6 PM

Cathy Leslie, Ph.D., P.E.

President,
Engineers Without Borders - USA

November 9, 2011 6 PM

Avram Bar-Cohen, Ph.D.

Program Manager,
Microsystems Technology Office of
the Defense Advanced Research
Projects Agency (DARPA)

December, 2011 TBD

January 25, 2012 6 PM

Rodrigo Arboleda

Chairman and CEO,
One Laptop Per Child Foundation

February 13, 2012 ** 7 PM

Cory Doctorow

Author, Futurist and Editor,
boingboing.net

March 27, 2012 6 PM

G. Don Taylor, Ph.D., P.E.

Charles O. Gordon Professor and
Department Head, Grado
Department of Industrial and
Systems Engineering, Virginia Tech

April 11, 2012 6 PM

William Rouse, Ph.D., NAE

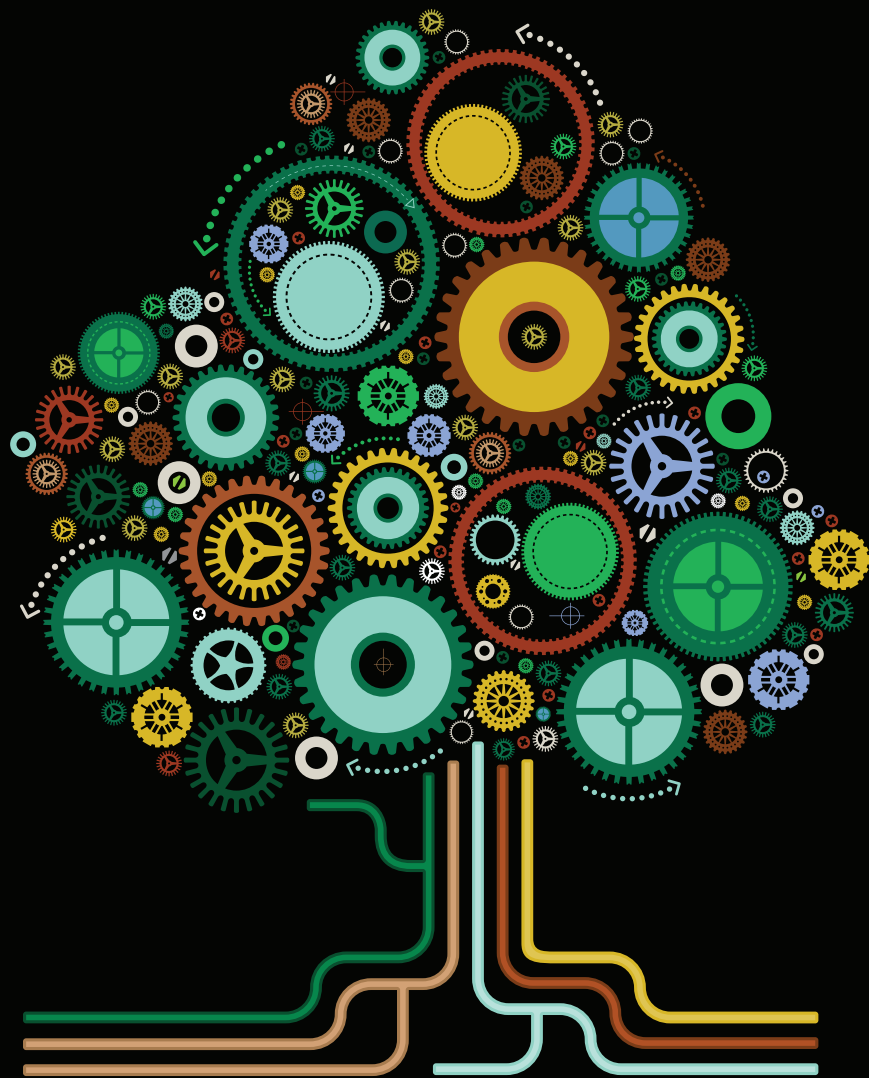
Professor of Industrial and Systems
Engineering, and Executive Director,
The Tennenbaum Institute,
Georgia Tech

May 9, 2012 1 PM

Anthony Atala, M.D.

Director,
Wake Forest Institute for
Regenerative Medicine and
Engineer of First Lab-Grown
Organ Implanted into a Human

UT ARLINGTON COLLEGE OF ENGINEERING DISTINGUISHED SPEAKER SERIES 2013-2014



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December 2, 2013

Henrik Christensen, Ph.D.

KUKA Chair of Robotics,
Director, Robotics and Intelligent Machines,
Distinguished Professor, Interactive Computing,
Georgia Institute of Technology

"Design of Cooperative Robot Systems"

January 15, 2014

Don Giddens, Ph.D.

Dean Emeritus and Professor, Wallace H. Coulter
Department of Biomedical Engineering, Georgia
Institute of Technology and Emory University

*"Engineering Education in a Rapidly
Changing World: How Can We Stay Ahead?"*

February 19, 2014

James McLurkin, Ph.D.

Assistant Professor, Rice University

*"The Future of Robotics is Swarms: Why a
Thousand Robots Are Better Than One"*

March 19, 2014

John Rogers, Ph.D.

Swanlund Chair, Professor of Materials Science
and Engineering, Professor of Chemistry,
Director, F. Seitz Materials Research Laboratory,
University of Illinois at Urbana-Champaign

*"Stretchy Electronics That Can Dissolve in Your
Body"*

April 3, 2014

Diandra Leslie-Pelecky, Ph.D.

West Virginia University and
Author of *The Physics of NASCAR*

*"The Science of Speed: Why Driving Fast is
Harder than you Think"*

**Receptions at 5 p.m.
601 Nedderman Hall (Rady Room)**

**Lectures at 6 p.m.
100 Nedderman Hall**



**2014
2015**

College of Engineering Speaker Series

**SEPT
22**

Dr. Eva Lee, Georgia Institute of Technology

Director, Center for Operations Research in Medicine and HealthCare
Co-Director, NSF I/UCRC Center for Health Organization Transformation
Distinguished Scholar in Health System, Health Systems Institute, Emory / Georgia Tech
Professor, Industrial and Systems Engineering

**OCT
16**

Chris Singer, NASA

Director, Engineering Directorate
Marshall Space Flight Center

**NOV
20**

Dr. Ali Erdemir, Argonne National Laboratory

Argonne Distinguished Fellow
Senior Scientist

**JAN
22**

Karen Kabbes, Kabbes Engineering, Inc.

President
Current President of ASCE Environmental & Water Resources Institute

**FEB
25**

Dr. Mary “Missy” Cummings, Duke University

Associate Professor, Department of Mechanical Engineering and Materials Science
Director of the Humans and Autonomy Laboratory
One of the Navy’s first female fighter pilots

**MAR
26**

Dr. Pallab Bhattacharya, University of Michigan

Charles M. Vest Distinguished University Professor of Electrical Engineering and Computer Science

James R. Mellor Professor of Engineering in the Department of Electrical Engineering and Computer Science

**APR
2**

Dr. Paul Nielsen, NAE, Software Engineering Institute Carnegie Mellon University

Director and CEO

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Parking in Lot 36, at the Northeast corner of Cooper Street and UTA Boulevard. No permit required.

Receptions @ 5 pm 601 Nedderman Hall (Rady Room)

Lectures @ 6 pm 100 Nedderman Hall